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(FILE 'HOME' ENTERED AT 08:37:56 ON 06 JUL 2004)

FILE 'REGISTRY' ENTERED AT 08:38:11 ON 06 JUL 2004

FILE 'CPLUS' ENTERED AT 08:38:17 ON 06 JUL 2004

FILE 'REGISTRY' ENTERED AT 08:38:45 ON 06 JUL 2004  
E CHLORAMINE-T/CN

FILE 'CPLUS' ENTERED AT 08:38:45 ON 06 JUL 2004  
S E3

FILE 'REGISTRY' ENTERED AT 08:39:05 ON 06 JUL 2004

L1 1 S E3/CN

FILE 'CPLUS' ENTERED AT 08:39:06 ON 06 JUL 2004

L2 2228 S L1

L3 2 S L1 AND STAIN REMOVAL

L4 69 S L2 AND BLEACHING

L5 2 S L1 AND STAIN REMOVAL

L6 41 S L2 AND (COTTON OR TEXTILE)

FILE 'REGISTRY' ENTERED AT 08:48:00 ON 06 JUL 2004

FILE 'CPLUS' ENTERED AT 08:48:00 ON 06 JUL 2004

=>

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 127-65-1 REGISTRY  
CN Benzenesulfonamide, N-chloro-4-methyl-, sodium salt (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN p-Toluenesulfonamide, N-chloro-, sodium salt (8CI)  
OTHER NAMES:  
CN Acti-chlore  
CN Aktiven  
CN Aktivin  
CN Anexol  
CN Aseptoclean  
CN Berkendyl  
CN Chloralone  
CN Chloramine-T  
CN Chlorasan  
CN Chloraseptine  
CN Chlorazan  
CN Chlorazene  
CN Chlorazone  
CN Chlorozone  
CN Chlorseptol  
CN Cloramine T  
CN Clorina  
CN Clorosan  
CN Desinfect  
CN Euclorina  
CN Gansil  
CN Gyneclorina  
CN Halamid  
CN Heliogen  
CN Kloramin  
CN Kloramine-T  
CN Mannolite  
CN Mianine  
CN Monochloramine T  
CN Multichlor  
CN N-Chloro-4-methylbenzylsulfonamide sodium salt  
CN N-Chloro-p-toluenesulfonamide sodium  
CN N-Chloro-p-toluenesulfonamide sodium salt  
CN N-Chlorotoluenesulfonamide sodium salt  
CN Sodium chloramine T  
CN Sodium N-chloro-4-methylbenzenesulfonamide  
CN Sodium N-chloro-p-toluenesulfonamide  
CN Sodium p-toluenesulfochloramide  
CN Sodium p-toluenesulfonchloramide  
CN Sodium p-toluenesulfonylchloramide  
CN Sodium tosylchloramide  
CN Tampules  
CN Tochlorine  
CN Tolamine  
CN Tosylchloramide sodium  
DR 8045-11-2, 1576-40-5, 72793-59-0, 75532-46-6  
MF C7 H8 Cl N O2 S . Na  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DIOGENES, DRUGU,  
EMBASE, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*,  
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TOXCENTER, USAN, USPAT2, USPATFULL, VETU  
(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CAplus document type: Book; Conference; Dissertation; Journal; Patent; Report

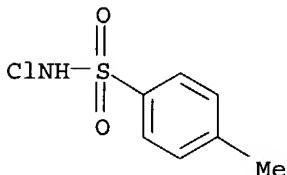
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

CRN (144-86-5)



● Na

2221 REFERENCES IN FILE CA (1907 TO DATE)

15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

2225 REFERENCES IN FILE CAPLUS (1907 TO DATE)

26 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

ANSWER 2 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2004:117184 CAPLUS

DN 140:169767

ED Entered STN: 13 Feb 2004

TI Substance containing chloramine T and/or B

IN Balk, Oliver

PA RMP Chemisch-Technische Spezialprodukte GmbH & Co. KG, Germany

SO Ger. Offen., 9 pp.

CODEN: GWXXBX

DT Patent

LA German

IC ICM A61K031-18

CC 63-8 (Pharmaceuticals)

Section cross-reference(s): 40, 46

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10236096	A1	20040212	DE 2002-10236096	20020801
PRAI	DE 2002-10236096		20020801		

AB The invention concerns a procedure for the production of a composition containing

chloramine T and/or chloramine B, in particular chloramine T, as well as uses for the composition. The procedure for production is characterized by the fact

that the individual components are mixed with one another in a certain order: first the organic acid, in particular tartaric acid, is microencapsulated with water-soluble and water insol. polyvinylpyrrolidones; next the microencapsulated acid is saturated with sodium bicarbonate; then the additives and adjuvants are added; and finally the chloramine is mixed in. The composition contains at least an additive for reduction smell arising from chloramine. The composition may be used as a disinfectant, **stain** remover, detergent booster or bleaching agent.

ST chloramine compn disinfectant **stain** remover detergent booster bleaching agent; polyvinylpyrrolidone microencapsulated tartaric acid chloramine T B compn

IT Alcohols, uses

RL: NUU (Other use, unclassified); USES (Uses)  
(C16-18, ethoxylated; composition containing chloramine T and/or B for use

as disinfectant, **stain** remover, detergent booster or bleaching agent)

IT Polyoxyalkylenes, uses

RL: NUU (Other use, unclassified); USES (Uses)  
(as hardener; composition containing chloramine T and/or B for use as disinfectant, **stain** remover, detergent booster or bleaching agent)

2003:693763 CAPLUS

DN 139:215771

ED Entered STN: 05 Sep 2003

TI Bleaching of natural fibers without defatting, bleached fibers, and their  
nonwoven fabrics

IN Kanke, Fuminori

PA Marusan Sangyo K. K., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM D06L003-02

ICS A61F005-44; A61F013-15; A61F013-511

CC 40-7 (Textiles and Fibers)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003247161	A2	20030905	JP 2002-46725	20020222
	JP 3520990	B2	20040419		
	CN 1450222	A	20031022	CN 2003-106209	20030221
	US 2003226209	A1	20031211	US 2003-370096	20030221

PRAI JP 2002-46725 A 20020222

AB The bleaching method contains contacting natural fibers having natural fat on the surface with aqueous bleaching solns. containing peroxy carboxylic acids. Thus, cotton fibers were immersed in an aqueous solution containing **perlactic acid**, lactic acid, H<sub>2</sub>O<sub>2</sub>, NaOH, citric acid, tartaric acid, and other additives, rinsed with hot water, neutralized with AcOH, further rinsed, and dried to give bleached cotton fibers showing natural fat retention 0.52%.

ST bleaching natural fiber defatting prevention **perlactic acid**; peroxy carboxylic acid bleaching cotton nonwoven fabric

IT Bleaching

Cotton fibers

Nonwoven fabrics

(bleaching of natural fibers without defatting for nonwoven fabrics)

IT Natural fibers

RL: PEP (Physical, engineering or chemical process); PYP (Physical process); TEM (Technical or engineered material use); PROC (Process); USES (Uses)

(bleaching of natural fibers without defatting for nonwoven fabrics)

IT Carboxylic acids, uses

RL: NUU (Other use, unclassified); USES (Uses)

(peroxy, bleaching solution containing; bleaching of natural fibers without defatting for nonwoven fabrics)

IT 50-21-5, Lactic acid, uses 77-92-9, Citric acid, uses 87-69-4, Tartaric acid, uses 1310-73-2, Sodium hydroxide, uses 7722-84-1, Hydrogen peroxide, uses 75033-25-9, **Perlactic acid**

RL: NUU (Other use, unclassified); USES (Uses)

(bleaching solution containing; bleaching of natural fibers without defatting for nonwoven fabrics)

N  
AN 1952:70521 CAPLUS  
DN 46:70521  
OREF 46:11720a-b  
ED Entered STN: 22 Apr 2001  
TI Bleaching with chlorine compounds in the suds  
AU Anon.  
SO Mededel. Proefsta. Wasind., No. 55, 11 pp.  
DT Journal  
LA Unavailable  
CC 27 (Fats, Fatty Oils, Waxes, and Detergents)  
AB Laundering and bleaching tests on a laboratory and on a tech. scale were made with NaOCl (I), the sodium salt of p-toluenesulfonomonochloroamide (II), and p-toluenesulfodichloroamide (III). The action of I, II, and III on the washing goods, if applied in the suds, depends on several hardly controllable factors, e.g. the dirtiness of the linen and the speed of heating of the suds. Thus chemical damage caused by bleaching can be very high whereas **stain** removal never is very good. Bleaching with I in one of the rinses at a low temperature gives good **stain** removal and safety, i.e., small chemical damage.  
IT Laundering  
    (bleaching with Cl compds. in suds during)  
IT Bleaching  
    (with chlorine compds. in suds in laundering)  
IT 127-65-1, Chloramine-T 473-34-7, Dichloramine-T  
    (bleaching with, in suds during laundering)

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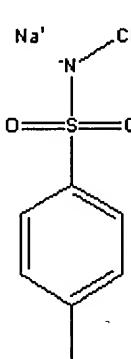
Use \* for partial names (e.g. ben\*).

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## Chloramine-T [127-65-1]

Synonyms: Aktiven; Chloramine-T; CHLORAMINE T HYDRATE; Chloraseptine; Chlorazene; Chlorazone; Clorina; euclorina; Gansil; Gynechlorina; Halamid; Mianine; (N-Chloro-p-toluenesulfonamido)sodium; N-Sodium, N-chloro-para-toluenesulfonamide; p-Toluenesulfonchloramide Sodium Salt; Sodium p-Toluenesulfonchloramide; Sodium p-toluenesulfonchloramine; Sodium p-toluene sulfochloramine; Chloramine T, sodium salt; N-Chloro-4-methylbenzenesulfonamide sodium salt; N-Chloro-p-toluenesulfonamide, sodium salt; Sodium N-chloro-para-toluenesulfonamide; Sodium N-chloro-p-toluenesulfonchloramide; tosylchloramide sodium; Tochlorine; tolamine;



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Formula	$C_7H_7ClNNaO_2S$	Molecular Weight	227.64057
CAS RN	127-65-1	Melting Point (°C)	167 - 169 (dec)
ACX Number	X1001413-2	Boiling Point (°C)	
Density		Vapor Density	
Refractive Index		Vapor Pressure	
Evaporation Rate		Water Solubility	15 g/100 mL
Flash Point (°C)	192	EPA Code	
DOT Number		RTECS	XT5616800
Comments	White powder; bleach like odor. AIR SENSITIVE. May decompose violently if heated above 130 Deg C. Detection of bromate and		